

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 2B                             |
| Termination type | Male crimp                     |
| IP rating        | 50                             |
| AWG wire size    | 18.00 - 14.00                  |
| Cable Ø          | 8.30 - 9.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGA.2B.303.CYM</a> |

### Download

[Request a quote](#)

[Catalog](#)

[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet  |
| Keying            | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)   |
| Housing Material  | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 2B.303 : 3 Low Voltage     |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 17 Amps                    |

### Specifications

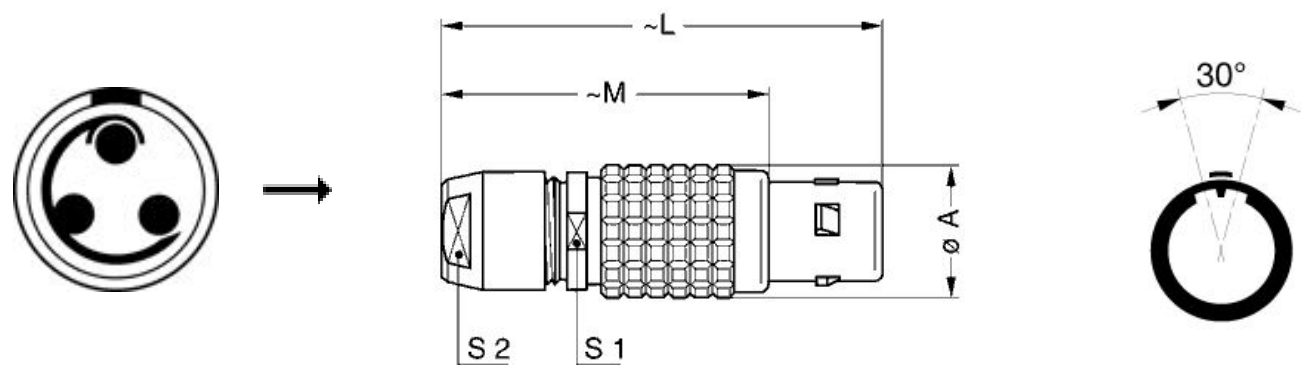
|   |
|---|
| Contact Type: Crimp                               |
| Contact Retention: 50 N                           |
| Contact Dia.: 1.6 mm (0.063in)                    |
| Bucket Dia.: 1.9 mm (0.075in)                     |
| Min. Conductor: 1 mm <sup>2</sup> (AWG 18)        |
| Max. Conductor: 1.5 mm <sup>2</sup> (AWG 14)      |
| R (max): 3.5 mOhm                                 |
| Vtest (contact-shell): 1900 V (AC), 2700 V (DC)   |
| Vtest (contact-contact): 1900 V (AC), 2700 V (DC) |

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Others

Endurance (Shell): 5000  
Temp (min / max): -55°C / +250°C  
Humidity (max): <=95% [at 60 deg C /140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 15   | 50   | 38   | 13   | 12   |
| in. | 0,59 | 1,97 | 1,50 | 0,51 | 0,47 |

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.101.A](#)  
Crimp settings: AWG/Selector = 14-16-18/7-6-5

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|                      |   |
|----------------------|---|
| Positionner:         | <a href="#"><u>DCE.91.162.BVCM</u></a>  |
| Extractor:           | <a href="#"><u>DCF.91.162.2LT</u></a>   |
| Replacement contact: | FGG.2B.570.ZZC                          |
| Spanner wrench:      | <a href="#"><u>DCD.2B.025.PA120</u></a> |

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